

# EXHIBIT D



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NEW YORK, NEW YORK 10036

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 12/01/1999

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
O'CONNOR, JOHN

DOC DATE: 10/01/1999

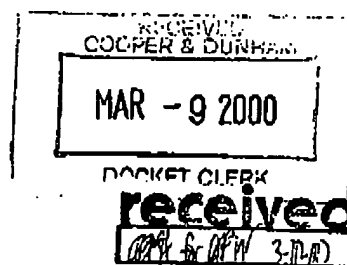
ASSIGNOR:  
BIRKEN, STEVEN

DOC DATE: 10/01/1999

ASSIGNEE:  
TRUSTEES OF COLUMBIA UNIVERSITY IN  
THE CITY OF NEW YORK, THE  
WEST 116TH STREET AND BROADWAY  
NEW YORK, NEW YORK 10027

SERIAL NUMBER: 09311428  
PATENT NUMBER:

FILING DATE: 05/13/1999  
ISSUE DATE:



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TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
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FORM PTO-1595 (Substitute) (Rev. 8-96) <b>MRD 12-1-99</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Documents or copy thereof.	
101218043			
To the Honorable Commissioner of Patents and Trademarks			
1. Name of conveying party(ies):  <b>John O'Connor and Steven Birken</b>		2. Name and address of receiving party(ies): <b>The Trustees of Columbia University</b> Name: <b>in the City of New York</b> Internal Address: _____ Street Address: <b>West 116th Street and Broadway</b>  City/State/Zip: <b>New York, New York 10027</b>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date(s): <b>10/1/99; 10/1/99</b>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are): _____			
A. Patent Application No.(s) <b>09/311,428</b> <b>Filed May 13, 1999</b>		B. Patent No.(s) _____	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <b>John P. White, Esq.</b> Internal Address: <b>Cooper &amp; Dunham LLP</b> Street Address: <b>1185 Avenue of the Americas</b>  City/State/Zip: <b>New York, New York 10036</b>		6. Total number of applications and patents involved: <b>1</b>  7. Total fee (37 CFR \$3.41): ..... \$ <b>40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: <b>03-3125</b>	
DO NOT USE THIS SPACE			
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  <b>John P. White</b> Name of Person Signing Reg. No.: <b>28,678</b>  <b>John P. White</b> Signature November 29, 1999 Date  Total Number of pages including cover sheet, attachments and document: <b>3</b>  I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.  <b>John P. White</b> John P. White Reg. No. 28,678 11/29/99 Date			
OMB No. 0651-0011 (exp. 4/94)			
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments			

## Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

John O'Connor, residing at 781 Pelham Road, Apt. 1A, New Rochelle,  
New York 10850, U.S.A.; and

Steven Birken, residing at 120 Oneida Avenue, Dumont, New Jersey 07628, U.S.A.

Hereby sell, assign and transfer to The Trustees of Columbia University in the  
City of New York a corporation of the State of New York

having a place of business at West 116th Street and Broadway  
in the County of New York and State of New York, 10027, U.S.A.

its successors, assigns and legal representatives, the entire right, title and interest  
for all countries, in and to any and all inventions which are disclosed and claimed,  
and any and all inventions which are disclosed but not claimed, in the application for  
United States Patent, which has been executed by the undersigned on October 1, 1999 and  
October 1, 1999  
and is entitled

METHODS FOR PREDICTING PREGNANCY OUTCOME IN A SUBJECT BY hCG ASSAY  
( U.S. Serial No. 09/311,428, filed May 13, 1999, a continuation-in-part  
application of International Application No. PCT/US99/02289, filed  
February 3, 1999, a continuation-in-part of U.S. Serial No. 09/017,976,  
filed February 3, 1998)

and in and to said application and all divisional, continuing, substitute, renewal,  
reissue, and all other applications for U.S. Letters Patent or other related property  
rights in any and all foreign countries which have been or shall be filed on any of  
said inventions disclosed in said application; and in and to all original and reissued  
patents or related foreign documents which have been or shall be issued on said  
inventions;

Authorize and request the Commissioner of Patents of the United States to issue  
to said Assignee, the corporation above named, its successors, assigns and legal  
representatives, in accordance with this assignment, any and all United States  
Letters Patent on said inventions or any of them disclosed in said application;

Applicants: Jo Connor and Steven Birken  
 Serial No.: 05 28  
 Filed: May 13 99  
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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10/1/99 19

Witness: Scot G. Hamilton

Scot G. Hamilton

53 Elizabeth Terr

Upper Saddle River NJ 07445

John O'Connor (L.S.)  
 John O'Connor

Date: 10/1/99 19

Witness: Scot G. Hamilton

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Steven Birken (L.S.)  
 Steven Birken